EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

08280610

PUBLICATION DATE

29-10-96

APPLICATION DATE

20-04-95

APPLICATION NUMBER

07094934

APPLICANT: OLYMPUS OPTICAL CO LTD;

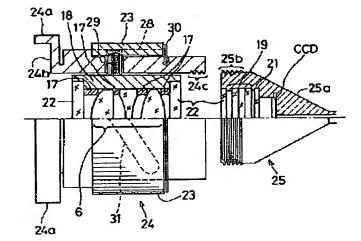
INVENTOR: KONNO MITSUJIRO;

INT.CL.

: A61B 1/04 A61B 1/00 G02B 23/24

TITLE

: ENDOSCOPE APPARATUS



ABSTRACT: PURPOSE: To provide an endoscope apparatus which has an autoclave endurance, is capable of adjusting focus and facilitates switching of an observing multiplication of an endoscope image.

> CONSTITUTION: An endoscope apparatus comprises an endoscope, a TV photographing adaptor 24 and a TV camera head 25. An image of an object transmitted from the endoscope (left in the drawing) is formed on a CCD built in a TV camera head through a crystal filter 19 and an infrared cut filter 21 built into the TV camera head 25 by an imaging optical system 6 arranged inside the TV photographing adaptor 24. To prevent the infiltration of steam by autoclave treatment, the imaging optical system 6 is housed into a lens socket body 18 sealed airtightly by a sapphire cover glass 22 while the TV camera head 25 is sealed airtightly by the sapphire cover glass 22.

COPYRIGHT: (C)1996,JPO